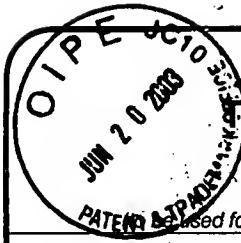


JLS

PTO/SB/17 (10-02)


**TRANSMITTAL
FORM**

(PATENT) (based for all correspondence after initial filing)

Total Number of Pages in This Transmission

| | |
|------------------------|---------------------|
| Application Number | 10/050,492 |
| Filing Date | 01/16/2002 |
| First Named Inventor | Shane |
| Art Unit | 1761 |
| Examiner Name | Paden |
| Attorney Docket Number | 822001-1020 (Tom 1) |

ENCLOSURES (Check all that apply)

| | | |
|--|---|---|
| <input checked="" type="checkbox"/> Fee Transmittal Form | <input checked="" type="checkbox"/> Drawing(s) | <input type="checkbox"/> After Allowance Communication to Group |
| <input checked="" type="checkbox"/> Fee Attached | <input type="checkbox"/> Licensing-related Papers | <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences |
| <input type="checkbox"/> Amendment/Reply | <input type="checkbox"/> Petition | <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) |
| <input type="checkbox"/> After Final | <input type="checkbox"/> Petition to Convert to a Provisional Application | <input type="checkbox"/> Proprietary Information |
| <input type="checkbox"/> Affidavits/declaration(s) | <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address | <input type="checkbox"/> Status Letter |
| <input type="checkbox"/> Extension of Time Request | <input type="checkbox"/> Terminal Disclaimer | <input type="checkbox"/> Other Enclosure(s) (Please Identify Below): Issue Fee Transmittal Form |
| <input type="checkbox"/> Express Abandonment Request | <input type="checkbox"/> Request for Refund | |
| <input type="checkbox"/> Information Disclosure Statement | <input type="checkbox"/> CD, Number of CD(s) | |
| <input type="checkbox"/> Certified Copy of Priority Document(s) | | |
| <input type="checkbox"/> Response to Missing Parts/Incomplete Application | | |
| <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | | |

Remarks:

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

| | |
|--------------------|--|
| Firm or Individual | Todd Deveau, Reg. No. 29,526 Thomas, Kayden, Horstemeyer & Risley, L.L.P. 100 Galleria Parkway, Suite 1750 Atlanta, Georgia 30339 |
| Signature | |
| Date | 17 June 2003 |

CERTIFICATE OF TRANSMISSION/MAILING

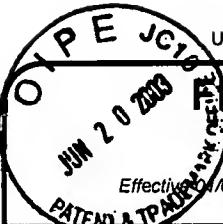
I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Mail Stop: Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on this date:

| | | | |
|------------------|-------------------|------|---------|
| Typed or printed | Laurie Delesandro | | |
| Signature | | Date | 6/17/03 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 1.22 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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04/03



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FEES TRANSMITTAL for FY 2003

Effective 07/01/2003. Patent fees are subject to annual revisions.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ 980.00)

Complete If Known

| | |
|----------------------|-------------|
| Application Number | 10/050,492 |
| Filing Date | 01/16/2002 |
| First Named Inventor | Shane, T. |
| Examiner Name | Paden, C. |
| Group / Art Unit | 1761 |
| Attorney Docket No. | 822001-1020 |

METHOD OF PAYMENT (check all that apply)

 Check Credit Card Money Order Other None

 Deposit Account

Deposit Account Number

20-0778

Deposit Account Name

Thomas, Kayden, Horstemeyer Risley, L.L.P.

The Commissioner is authorized to: (check all that apply)

 Charge fee(s) indicated below Credit any overpayments
 Charge any additional fee(s) during the pendency of this application
 Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account

FEE CALCULATION

1. BASIC FILING FEE

| Large Entity | Small Entity | Fee Description | Fee Paid |
|-------------------|--------------|------------------------|----------|
| 1001 750 | 2001 375 | Utility Filing Fee | |
| 1002 330 | 2002 165 | Design Filing Fee | |
| 1003 520 | 2003 260 | Plant Filing Fee | |
| 1004 750 | 2004 375 | Reissue Filing Fee | |
| 1005 160 | 2005 80 | Provisional Filing Fee | |
| SUBTOTAL (1) (\$) | | | |

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| Extra Claims | Fee From Below | Fee Paid |
|--------------------|----------------|-----------|
| Total Claims | - 20** = | X 9.00 = |
| Independent Claims | - 3** = | X 42.00 = |
| Multiple Dependent | | 140.00 = |
| SUBTOTAL (2) (\$) | | |

Large Entity

| Large Entity | Small Entity | Fee Description |
|-------------------|--------------|---|
| 1202 18 | 2202 9 | Claims in excess of 20 |
| 1201 84 | 2201 42 | Independent claims in excess of 3 |
| 1203 280 | 2203 140 | Multiple dependent claim, if not paid |
| 1204 84 | 2204 42 | **Reissue independent claims over original patent |
| 1205 18 | 2205 9 | **Reissue claims in excess of 20 and over original patent |
| SUBTOTAL (2) (\$) | | |

FEES CALCULATION (continued)

3. ADDITIONAL FEES
Large Entity Small Entity

| Fee Code | Fee (\$) | Fee Code | Fee (\$) | Fee Description | Fee Paid |
|---------------------|----------|-----------------------------------|----------|--|----------|
| 1051 | 130 | 2051 | 65 | Surcharge-late filing fee or oath | |
| 1052 | 50 | 2052 | 25 | Surcharge-late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for ex parte reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 110 | 2251 | 55 | Extension for reply within first month | |
| 1252 | 410 | 2252 | 205 | Extension for reply within second month | |
| 1253 | 930 | 2253 | 465 | Extension for reply within third month | |
| 1254 | 1,450 | 2254 | 725 | Extension for reply within fourth month | |
| 1255 | 1,970 | 2255 | 985 | Extension for reply within fifth month | |
| 1401 | 320 | 2401 | 160 | Notice of Appeal | |
| 1402 | 320 | 2402 | 160 | Filing a brief in support of an appeal | |
| 1403 | 280 | 2403 | 140 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 110 | 2452 | 55 | Petition to revive-unavoidable | |
| 1453 | 1,300 | 2453 | 650 | Petition to revive-unintentional | |
| 1501 | 1,300 | 2501 | 650 | Utility issue fee (or reissue) | 650.00 |
| 1502 | 470 | 2502 | 235 | Design issue fee | |
| 1503 | 630 | 2503 | 315 | Plant issue fee | |
| 1460 | 130 | 1460 | 130 | Petitions to the Commissioner | |
| 1807 | 50 | 1807 | 50 | Processing fee for provisional application | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 750 | 2809 | 375 | Filing a submission after final rejection (37 CFR § 1.129(a)) | |
| 1810 | 750 | 2810 | 375 | For each add. invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 750 | 2801 | 375 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited exam. of a design application | 330.00 |
| Other fee (specify) | | Publication Fee and Patent Copies | | SUBTOTAL (3) (\$) | 980.00 |

*Reduced by Basic Filing Fee Paid

SUBMITTED BY

Complete (if applicable)

Typed or Printed Name

Todd Deveau

Registration No. 29,526

Telephone Number

770-933-9500

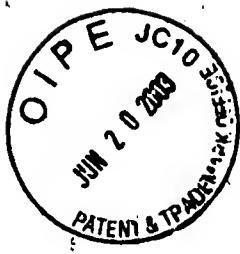
Signature

Date

05/22/2003
6/17/

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#9000

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Shane, T.

Group No. 1761

Serial No.: 10/050,492

Examiner: Paden, C.

Filed: 01/16/2002

Attorney Docket No. 822001-1020

For: **Pathogen Management System**

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

TRANSMITTAL OF FORMAL DRAWING(S)

Attached please find 4 sheets of formal drawings, Figs. 1-4, for the above-referenced application.

Telephone No. (770) 933-9500

Todd Deveau
Todd Deveau, Reg. No. 29,526
THOMAS, KAYDEN, HORSTEMEYER
& RISLEY, L.L.P.
100 Galleria Parkway, Suite 1750
Atlanta, Georgia 30339-5948

CERTIFICATE OF MAILING (37 CFR 1.8)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Mail Stop: Issue Fee, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Date: 4/17/03

Laurie Delesandro
Laurie Delesandro